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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Applicant : Makin et al.  
Application No.: 10/825,952  
Filed : April 16, 2004  
Title : MEDICAL SYSTEM HAVING MULTIPLE ULTRASOUND  
TRANSDUCERS OR AN ULTRASOUND TRANSDUCER AND  
AN RF ELECTRODE  
Docket : END-5311  
Art Unit : 3737

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Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56, the Examiner's attention is directed to the references listed on the attached Information Disclosure Citation. Copies of all foreign patent references and non-patent literature references are provided herewith.

It is to be understood that the present submission of art is in no way intended to be a waiver of any arguments or defenses available to the applicant under the rules of the U.S. Patent and Trademark Office and the statutes of the United States.

No fee is required. However, the Commissioner is authorized to charge any additional fee required by this paper or to credit any overpayment to Deposit Account No. 20-0809.

Respectfully submitted,

Date: July 7, 2004

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Substitute for form 1449A/PTO		<i>Application Number</i>	10/825,952
		<i>Filing Date</i>	4/16/04
		<i>First Named Inventor</i>	Inder Raj S. Makin
		<i>Group Art Unit</i>	3737
		<i>Examiner Name</i>	
		<i>Attorney Docket Number</i>	END-5311

Sheet 1 of 1

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Kind Code <sup>2</sup>	Number (if known)			
		Re33,590		Dory	5/21/91	ALL
		4,315,514		Drewes et al.	2/16/82	ALL
		4,323,077		Smith	4/6/82	ALL
		4,484,569		Driller et al.	11/27/84	ALL
		4,646,756		Watnough et al.	3/3/87	ALL
		4,757,820		Itoh	7/19/88	ALL
		4,787,394		Ogura	11/29/88	ALL
		4,818,954		Flachenecker et al.	4/4/89	ALL
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		4,932,414		Coleman et al.	6/12/90	ALL
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		5,078,144		Sekino et al.	1/7/92	ALL
		5,080,101		Dory	1/14/92	ALL
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		5,354,258	Dory	10/11/94	ALL
		5,391,140	Schaetzle et al.	2/21/95	ALL
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		5,522,869	Burdette et al.	6/4/96	ALL
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		5,540,656	Pflueger et al.	7/30/96	ALL

		<b>5,545,195</b>		Lennox et al.	<b>8/13/96</b>	<b>ALL</b>
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		<b>5,569,241</b>		Edwards	<b>10/29/96</b>	<b>ALL</b>
		<b>5,571,088</b>		Lennox et al.	<b>11/5/96</b>	<b>ALL</b>
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		<b>5,575,789</b>		Bell et al.	<b>11/19/96</b>	<b>ALL</b>
		<b>5,582,588</b>		Sakurai et al.	<b>12/10/96</b>	<b>ALL</b>
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		<b>5,676,692</b>		Sanghvi et al.	<b>10/14/97</b>	<b>ALL</b>
		<b>5,687,729</b>		Schaetzle	<b>11/18/97</b>	<b>ALL</b>
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		<b>5,720,287</b>		Chapelon et al.	<b>2/24/98</b>	<b>ALL</b>
		<b>5,722,411</b>		Suzuki et al.	<b>3/3/98</b>	<b>ALL</b>
		<b>5,728,062</b>		Brisken	<b>3/17/98</b>	<b>ALL</b>
		<b>5,733,315</b>		Burdette et al.	<b>3/31/98</b>	<b>ALL</b>
		<b>5,735,280</b>		Sherman et al.	<b>4/7/98</b>	<b>ALL</b>
		<b>5,735,796</b>		Granz et al.	<b>4/7/98</b>	<b>ALL</b>
		<b>5,738,635</b>		Chapelon et al.	<b>4/14/98</b>	<b>ALL</b>
		<b>5,743,862</b>		Izumi	<b>4/28/98</b>	<b>ALL</b>
		<b>5,743,863</b>		Chapelon	<b>4/28/98</b>	<b>ALL</b>
		<b>5,746, 224</b>		Edwards	<b>5/5/98</b>	<b>ALL</b>
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#### FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup> KindCode <sup>5</sup>				
		JP	10-14967	Shimadzu Corp.	1/20/98	ALL	
		WO	01/45550	A2 Therus Corporation	6/28/01	ALL	
Examiner Signature						Date Considered	

#### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		HILL, C.R. et al., Lesion Development In Focused Ultrasound Surgery: A General Model, Ultrasound in Med. & Biol., 1994, pp. 259-269, Vol. 20, No. 3, Elsevier Science Ltd, New York, USA	
		CLARE, M.C. et al., MRI Guided Focused Ultrasound Surgery (FUS) of uterine leiomyomas: A Feasibility Study, Workshop on MRI-Guided: Focused Ultrasound Surgery, 2002, Syllabus, International Society for Magnetic Resonance in	

	<b>Medicine</b>	
	VAEZY, S. et al., Treatment Of Uterine Fibroid Tumors In A Nude Mouse Model Using High-Intensity Focused Ultrasound, Am J Obstet Gynecol, 2000, pp. 6-11, Vol. 183, No. 1	
	Cool-tip™ RF Radio Frequency Ablation System, web page from radionics.com	
	Electrosurgical Devices, RF Generator and RITA Base Software, web pages from ritamedical.com	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

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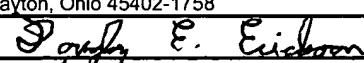
## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM  (to be used for all correspondence after initial filing)	Application Number	10/825,952
	Filing Date	April 16, 2004
	First Named Inventor	Inder Raj S. Makin
	Art Unit	3737
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	END-5311

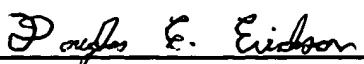
ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s) 5 sheets; Figs. 1-10 <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 2 Return Postcards
<div style="border: 1px solid black; padding: 2px; display: inline-block;">Remarks</div> <p>The Commissioner is hereby authorized to charge any additional fees required (including the fee for any extension of time), or to credit any overpayment, to Deposit Acct. No.: 20-0809.</p>		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Thompson Hine LLP 2000 Courthouse Plaza N.E., 10 West Second Street Dayton, Ohio 45402-1758
Signature	
Date	7/7/04

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Typed or printed name	Douglas E. Erickson, Reg. No. 29,530		
Signature		Date	7/7/04

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